

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB2004/052221

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 G06K19/077 H05K1/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G06K H05K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 197 21 057 A1 (GIESECKE & DEVRIENT GMBH, 81677 MUENCHEN, DE) 26 November 1998 (1998-11-26) cited in the application paragraphs '005A!', '005B! column 1, line 3 - line 16 column 2, lines 19-45 column 5, line 37 - column 6, line 1 -----	1-7
X	US 2002/047776 A1 (HART CORNELIS MARIA ET AL) 25 April 2002 (2002-04-25) the whole document -----	4-7
A		1-3
X	EP 1 291 818 A1 (DATAMARS SA) 12 March 2003 (2003-03-12) abstract; figures 1,2 -----	1-7

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents :

\*A\* document defining the general state of the art which is not considered to be of particular relevance

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\*P\* document published prior to the international filing date but later than the priority date claimed

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\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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\*Z\* document member of the same patent family

Date of the actual completion of the international search

1 February 2005

Date of mailing of the international search report

15/02/2005

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**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International Application No

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
DE 19721057	A1	26-11-1998	NONE	
US 2002047776	A1	25-04-2002	WO 0217223 A1	28-02-2002
			EP 1314134 A1	28-05-2003
			JP 2004507188 T	04-03-2004
EP 1291818	A1	12-03-2003	NONE	